

A. DESIGNED AS PER THE LATEST EDITION OF ASHRAE.

B. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING THE TESTING, ADJUSTMENT AND BALANCING. SEE SHEET F2.0 FOR BALANCING CONTRACTOR'S CONTACT INFORMATION.

C. ONCE POWER IS APPLIED TO THE ROOF TOP HVAC UNITS, THE HVAC TECHNICIAN HAS COMPLETED THE RTU STARTUP PROCEDURE, THE ROOF TOP UNITS WILL RUN IN A DEFAULT MODE FROM THE RETURN AIR SENSOR CONTROLLING A 74 DEGREE COOLING SETPOINT AND A 70 DEGREE HEATING SETPOINT WITH AN INTERMITTENT FAN.

D. ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE ROUND OR RECTANGULAR/SQUARE AS SHOWN AND WHERE SPECIFIED. SUPPLY AND RETURN DUCT DROPS FROM THE ROOF SHALL BE RECTANGULAR. HORIZONTAL SUPPLY AND RETURN TRUNK DUCTS AND BRANCHES CONCEALED ABOVE HUNG CEILINGS MAY BE ROUND. ALL ROOF DUCT ELBOWS SHALL BE LONG SWEEP ELBOWS. ALL RECTANGULAR/SQUARE ELBOWS SHALL HAVE TURNING VANES. INSTALL ALL DUCTWORK WITH THE MINIMUM NUMBER OF TURNS AND OFFSETS TO PERMIT MINIMUM STATIC PRESSURE RESISTANCE TO AIRFLOW. DUCTWORK INSTALLED WITH UNNECESSARY TURNS OR OFFSETS WILL BE CORRECTED AT NO COST TO PETSMARK.

E. THE CONTRACTOR SHALL INSTALL THE SUPPLY DIFFUSER PACKAGES ON SALES FLOOR RTU'S SO THAT THE TOP OF THE DIFFUSER IS TIED TO THE BOTTOM OF THE ROOF STRUCTURE. SEE DETAIL ON SHEET M2.0.

F. DURING DEBID, THE HVAC SUB CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES AND DETERMINE IF THE NUMBER AND LOCATION OF SMOKE DETECTORS ARE IN COMPLIANCE WITH LOCAL CODES AND PRACTICES IF ANY. THE NUMBER AND LOCATION OF THE SMOKE DETECTORS ARE NOT IN COMPLIANCE, THE HVAC SUBCONTRACTOR SHALL CONTACT THE TENANT FINISH ARCHITECT / ENGINEER IMMEDIATELY FOR DIRECTION. THE HVAC SUB CONTRACTOR SHALL BE RESPONSIBLE TO INCLUDE IN HIS BASE BID WORK THE COST TO REMOVE, RELOCATE, AND REWIRE THE SMOKE DETECTORS IN THE LOCATIONS AND ARRANGEMENTS ACCEPTABLE TO AND AS REQUIRED BY LOCAL CODES AND OFFICIALS.

G. THE HVAC CONTRACTOR SHALL ENSURE THAT NO SENSOR OR THERMOSTAT IS INSTALLED DIRECTLY IN THE PATH OF ANY SUPPLY AIR GRILLE OR DIFFUSER.

H. SUPPLY AND RETURN DROPS FROM THE ROOF SHALL BE INSULATED WITH INTERNAL DUCT LINER PER THE SPECIFICATIONS. HORIZONTAL RECTANGULAR/SQUARE SUPPLY AND RETURN DUCTWORK EXPOSED TO THE CONDITIONED AREA SHALL BE INSULATED WITH INTERNAL DUCT LINER PER THE SPECIFICATIONS. ALL SUPPLY AND RETURN AIR DUCTWORK NOT EXPOSED TO THE CONDITIONED AREA (CONCEALED ABOVE HUNG CEILINGS) SHALL BE INSULATED WITH DUCT WRAP PER THE SPECIFICATIONS. ALL DUCTWORK SHOWN ON PLAN ARE FOR INTERIOR CLEAR OPENING SIZES. (DUCT FABRICATOR SHALL ADJUST DUCT SIZE TO ACCOMMODATE INTERNAL DUCT INSULATION).

I. GENERAL CONTRACTOR IS TO CONTACT LENNOX TO GET AN "EQUIPMENT OPERATING CHECK-LIST" (EOC) REPORT. THIS IS NOT A START-UP REPORT.

J. CONSTRUCTION TRADES MUST USE THE ARCHITECTURAL PLANS FOR WORK INSTALLATION. THIS INCLUDES ALL APPLICABLE DETAILS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS.

K. REFER TO THE PLUMBING DRAWINGS FOR ALL CONDENSATE DRAIN AND GAS PIPING REQUIREMENTS.

L. ALL VERTICAL SUPPLY AIR DUCTWORK DROPS FROM THE ROOF TOP UNITS SHALL HAVE A SMOOTH RADIUS BEND TRANSITION TO THE HORIZONTAL DISTRIBUTION

M. CONTRACTOR IS TO INSTALL REMOVE SMOKE DETECTOR TEST STATIONS.

MARK	MODEL NO.	NOMINAL TONS	FAN DATA				COOLING DATA				HEATING DATA		ELECTRICAL DATA		R/UMIDITROL	WEIGHT (LBS)	AREA SERVED			
			S.A. GPM	MIN. O.A. GPM	TOTAL SP	H.P.	DRIVE KIT	GROSS COOLING (MMH)	SENSIBLE COOLING (MMH)	ENTERING TEMP DB/MB °F	AMBIENT TEMP.	GAS HTG. INPUT (MMH)	GAS HTG. OUTPUT (MMH)	VOLTAGE / PHASE				MCA	MOCP	
RTU-1	LG072H5EX1J	6	2400	600	—	1.5	ECON DIRECT DRIVE (NCAV)	72.1	55.5	80/67	95.0	150/113	121/92	575/3/80	12	15	SEER2/ EER12.7/12.2	NO	830	VESTIBULE /ASHY STAFF OFFICES/SALE
RTU-2	LG074BH5EX1J	4	1600	368	—	1.0	ECON DIRECT DRIVE (NCAV)	48.7	35.6	80/67	95.0	150/113	121/92	575/3/80	9	15	SEER2/ EER17.3/15.6	YES	826	SALE
RTU-3	LG0760H5EX1J	5	1850	460	—	1.0	ECON DIRECT DRIVE (NCAV)	61.5	46.1	80/67	95.0	150/113	121/92	575/3/80	11	15	SEER2/ EER16.4/12.2	YES	830	BALCON,DRIVING WAREHOUSES
RTU-4	LG0729H5EX1J	7.5	3000	750	—	3.75	ECON DIRECT DRIVE (NCAV)	92.8	66.8	80/67	95.0	180/117	144/93.6	575/3/80	17	20	SEER2/ EER16.7/12.3	YES	1239	SALES
RTU-5	LG072H5EX1J	6	2400	600	—	1.5	ECON DIRECT DRIVE (NCAV)	72.1	55.5	80/67	95.0	150/113	121/92	575/3/80	12	15	SEER2/ EER17.3/12.2	NO	830	FISH/AQUARIUMS /STAFF
RTU-6	LG0729H5EX1J	7.5	3000	750	—	3.75	ECON DIRECT DRIVE (NCAV)	92.8	66.8	80/67	95.0	180/117	144/93.6	575/3/80	17	20	SEER2/ EER16.7/12.3	NO	1239	SALES
RTU-7	LG0729H5EX1J	7.5	3000	750	—	3.75	ECON DIRECT DRIVE (NCAV)	92.8	66.8	80/67	95.0	180/117	144/93.6	575/3/80	17	20	SEER2/ EER16.7/12.3	NO	1239	SALES
RTU-8	LG0760H5EX1J	5	2000	460	—	1.0	ECON DIRECT DRIVE (NCAV)	61.5	46.1	80/67	95.0	150/113	121/92	575/3/80	11	15	SEER2/ EER16.4/12.2	NO	830	RECEIVING
TOTAL			4,738	~3,975 EXHAUST AIR = +763																

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